

9.0 CAPITAL IMPROVEMENTS ELEMENT

9.1 INTRODUCTION

9.2 GOALS, OBJECTIVES, POLICIES

9.2.1 Introduction

The Capital Improvements Element presents goals, objectives, and policies to be adopted and implemented by the City of Hallandale Beach. These goals, objectives, and policies incorporate the use of sound fiscal principles to efficiently provide and maintain public services and facilities.

These statements present the City's approach toward implementing expansions and improvements to its public services and facilities. This approach ensures that Level of Service standards established in other elements of this comprehensive plan are not compromised by new development, inaction, or neglect.

GOAL 1: The City of Hallandale Beach shall plan and manage its fiscal responsibilities to ensure the timely and efficient provision of capital projects that adequately serve its existing and projected needs.

OBJECTIVE 1.1: A five year schedule of Capital improvements will be maintained. The schedule will be oriented toward implementation of concurrency requirements of Chapter 163.F.S. that require public facilities and services be available, at levels of service consistent with those adopted in the Comprehensive Plan, when the impacts of development occur.

POLICY 1.1.1: The City will annually adopt a budget that contains funding for Capital improvements from the 5-year schedule of improvements.

POLICY 1.1.2: The City shall determine the status and capabilities of existing and proposed facilities (including wastewater, solid waste, traffic, stormwater, and recreation/open space) to accommodate current, new, and redevelopment demands. Required improvements will be added to the 5-year Capital Improvements Plan. Future water supply needs and water requirements will be addressed in the Water Supply Facilities Work Plan and will be adopted as part of the City's Comprehensive Plan.

POLICY 1.1.3: The Capital Improvements Plan shall be updated annually to include those projects identified in the first five years of the Water Supply Facilities Work Plan to ensure the potable water Level of Standard is maintained.

POLICY 1.1.4: Capital improvements needs for each individual element of the Comprehensive Plan will be aggregated and listed within the Capital Improvements Element (see Table 9-1). Prioritization of capital improvements projects will be based on their relative importance to achievement of the goals and objectives and implementation of the policies of the Comprehensive Plan. In particular, projects

involving public safety and health issues will be of a higher priority than other projects. The five year Schedule of Improvements will include funding for capital improvements which do not exceed the City's financial capacity to support such expenditures. Funding priorities will be reflected in the annual Five Year Schedule of Improvements through the year in which they appear in the Schedule.

POLICY 1.1.5: Prioritization of funding capital improvements shall include consideration of the following criteria: eliminating public hazards; elimination of existing capacity deficits; City budget impacts; locational needs based on projected growth areas; accommodation of new development and redevelopment facility demands; and financial feasibility.

POLICY 1.1.6: Prioritization of funding improvements shall involve coordination with the comprehensive plans of adjacent incorporated communities, in addition to those of the Broward County, South Florida Regional Planning Council, State, the Florida Department of Transportation, the South Florida Water Management District, and any other state agencies that provide public facilities in the City of Hallandale Beach.

POLICY 1.1.7: The City of Hallandale Beach will manage its long-term debt in such a manner that the ratio of the debt service millage to the City millage does not exceed 30 percent.

POLICY 1.1.8: Prioritization of capital improvements projects will consider the policies of the other comprehensive plan elements.

OBJECTIVE 1.2: Construction, improvement, or replacement of public facilities shall be provided at a level that maintains Level of Service standards as adopted in the Comprehensive Plan. Facilities necessary to maintain level of service will be included annually in the five-year Capital Improvement Plan.

POLICY 1.2.1: The Development Services Department shall evaluate impacts resulting from new developments to ensure that adequate facilities are either in place or planned so that Level of Service standards are not reduced.

POLICY 1.2.2: Land use decisions that impact the provision of public services or facilities shall be based upon the City's capability to maintain adequate service levels as described in the elements of the Comprehensive Plan.

POLICY 1.2.3: The City shall provide public facilities and services to serve developments for which development orders were issued prior to adoption of the City's Comprehensive Plan. The ability of facilities to serve new development at levels of service at or above adopted levels shall be established prior to issuance of a development order or permit.

POLICY 1.2.4: The City shall ensure that developments that benefit from the extension or provision of services or facilities shall share a cost of the extension of such service or facility, or make contributions to the City to offset the cost of that service or facility.

POLICY 1.2.5: The assessment of needed capital improvements shall be based on the Level of Service standards adopted in the Transportation, Sanitary Sewer, Solid Waste, Stormwater Management, Potable Water, and Natural Groundwater Aquifer Recharge, and Recreation and Open Space Elements of the Comprehensive Plan. These Level of Service standards include:

Transportation

FIHS – As per FDOT Guidelines (2002 Manual)

Arterial Roadways – Broward County adopted Level of Service for Southeast Benefit District of Transit – Oriented Concurrency. However, for the City's traffic impact analysis use LOS "E" for all arterial roadways.

City Collector / Local Roads - Level of Service "D" for all arterial, City collector and local streets, consistent with the adopted Broward County Standard for Urban Streets.

Sanitary Sewer

Collection and treatment capacity of 190 gallons per capita per day.

Stormwater Management

New Development: Design storm - five year frequency; one hour duration; 3.3 total inches. Existing Development: To meet Florida Building Code drainage standards.

Solid Waste

Ability to collect and dispose of 5.65 pounds of solid waste per person per day, which includes nonresidential waste.

Potable Water

Maximum day water consumption rate: 175 gallons per capita per day.

Recreation/Open Space

Park Area Ratio - 3.00 acres of park and open space per 1,000 permanent residents.

OBJECTIVE 1.3: Restrict public expenditures that subsidize development that is not well suited to environmental conditions, or that would not be in compliance with any element of the Comprehensive Plan. In particular, restrict investment in coastal high hazard areas, ~~other than public land acquisition for enhancement of natural resources.~~

POLICY 1.3.1: The City shall not locate any new public facilities within coastal high hazard areas with the exception of recreational facilities and those required to maintain existing level of service standards ~~and facilities designed to withstand drainage resulting from a 100-year flood.~~

POLICY 1.3.2: The City and/or property owners shall replace capital facilities which have been destroyed. This shall be accomplished in a manner which is in compliance with the Comprehensive Plan. Facilities in coastal high hazard areas that are destroyed due to natural disaster will be replaced at levels no greater than the previously existing level of service. This shall not be construed to limit the replacement and/or upsizing of antiquated facilities to meet modern design standards.

OBJECTIVE 1.4: Funding mechanisms necessary to meet the facilities requirements of the Comprehensive Plan shall be adopted and maintained.

POLICY 1.4.1: In order to adequately maintain adopted Level of Service standards, the City shall maintain an effective and appropriate schedule of user charges, such as the water impact fee included in the City Ordinances, and shall employ other appropriate means to properly collect necessary funds.

OBJECTIVE 1.5: Land use decisions and available resources will be coordinated within the five-year capital improvements plan. The Plan will be adopted annually.

POLICY 1.5.1: The City shall review changes to the land use plan for consistency with the five year capital improvements plan.

OBJECTIVE 1.6: The City of Hallandale Beach, in coordination with the County and School Board shall ensure that public school facilities are available for current and future students consistent with available resources and the adopted level of service (LOS).

Evaluation Measure Objective 1.6: Record of public school facilities being available at the adopted level of service concurrent with construction of residential development.

POLICY 1.6.1: Consistent with policies and procedures within the adopted Interlocal Agreement (ILA), the District Educational Facilities Plan (DEFP) shall contain a five (5) year financially feasible schedule of capital improvements to address existing deficiencies and achieve and maintain the adopted LOS in all Concurrency Service Areas (CSA) This financially feasible schedule shall be updated on an annual basis and adopted into the CIE.

POLICY 1.6.2: The uniform, district-wide LOS shall be 110 percent of the permanent Florida Inventory of School Housing (FISH) capacity for each public elementary, middle and high school.

POLICY 1.6.3: The adopted LOS shall be applied consistently by the City of Hallandale Beach, Broward County, and the School Board, district-wide to all schools of the same type.

POLICY 1.6.4: The School Board's DEFP, as adopted and amended by the School Board on or before September 30th of each year, is hereby adopted by reference into the CIE.

9.3 EXISTING CONDITIONS

This section summarizes the characteristics of existing public facilities and services as presented in the various elements which comprise this comprehensive plan.

9.3.1 Characteristics of Major Public Facilities

9.3.1.1 Public Education Facilities

The City of Hallandale Beach is served by four Broward County public schools within the City limits. They are Hallandale High School located along Foster Road in the vicinity of N.W. 9th Avenue, Gulfstream Middle School, located on SW 4th Avenue, Hallandale Elementary School located on SW 8 Street and the South Area Alternative Center, located at 1050 NW 7 Court. In addition, there is the Hallandale Adult Community Center (Vocational, Technical, Adult Education) located on SW 3rd Street which is also administered by the Broward County Public Schools system. The Charter Institute Training Center which is a Broward County Public School system charter school is located at 520 NW 5th Street.

9.3.1.2 Public Health Facilities

There are no major health care facilities within the City limits of Hallandale Beach. The closest hospital to the City is Aventura Hospital, just south of the City limits. The City is also served by Memorial Hospital in Hollywood and Memorial Regional South Hospital.

9.3.1.3 Transportation

Within Hallandale Beach are approximately 67 miles of public roadways. These roads can be characterized in the following manner:

59 miles of City maintained streets and 8 miles of county and state maintained roads

57 miles of two-lane roads and 10 miles of multi-lane roads

10 miles of arterial roads, 17 miles of collector roads, and 40 miles of local roads

Public transportation consists of 3 systems. Broward County provides Hallandale Beach with 4 6 bus routes and 126 associated bus stops. Metró Miami-Dade County maintains 3 2 bus routes which connect with those of Broward County. The City of Hallandale Beach maintains a minibus system with service primarily within City limits. The city's system consists of 3 minibus routes.

Sidewalks run along both sides of major roads within the City; however there are designated bikeways on US 1 and Hallandale Beach Boulevard east of US 1. Once the Florida Department of Transportation (FDOT) completes the construction of Hallandale

Beach Boulevard from I-95 to Three Islands Boulevard, there will be a combination of continuous undesignated and designated bikeway facility.

One rail system, the FEC Railroad, passes through the City. The South Florida Rail Corridor (formerly CSX Railroad) runs adjacent to the west City limits (west of I-95 in the Town of Pembroke Park). There are no seaports or airports within City limits.

9.3.1.4 Sanitary Sewer Facilities

The City of Hallandale Beach's sanitary sewer system consists of collection facilities. The present collection system is composed of 71.6 miles of gravity sewer mains and 15 lift stations.

In 1966, Hallandale Beach entered into agreement with the City of Hollywood for wastewater treatment services. As a result of the agreement, Hallandale Beach abandoned its 1.0 million gallon per day capacity treatment plant in 1974 and began sending its wastewater to Hollywood's Regional Sewage Treatment Facility. This treatment plant has a capacity of 48.75 million gallons per day, of which 7.85 million gallons per day are reserved for Hallandale Beach. Wastewater flows from Hallandale Beach to the treatment facility averaged 6.9 million gallons per day. The treatment facility has a service area of 139,802 acres and provides service to several other municipalities. Treatment is accomplished utilizing an activated sludge secondary treatment process. Effluent disposal is accomplished through an ocean outfall located approximately 2 miles offshore at a depth of 90 feet, through deep well injection, and through reuse water. Under Florida law all existing ocean outfalls must cease operation by 2025.

9.3.1.5 Potable Water Facilities

The City of Hallandale Beach's potable water supply system consists of water supply wells (two of which are authorized for daily use), a raw water supply connection from Broward County, a water treatment plant consisting of both a lime-softening treatment component and a nanofiltration membrane treatment component, pumping facilities, and elevated and ground storage facilities. The city's water distribution system consists of 78 miles of pipelines which provide potable supplies to all areas of the City.

The City's sources of water are its two operating wells, purchases of treated water from the City of North Miami Beach, and linkage with Broward County's Southern Regional Wellfield for supply of untreated well water. Demands for potable water are estimated to be 6.00 million gallons per day. Since the City's wells are limited to a production limit of 3.5 million gallons per day, Hallandale Beach's water supply agreement with Broward County provides the additional required capacity.

Previously, Hallandale Beach operated a wellfield consisting of 6 wells located at the City's DPW compound. With the exception of two wells, the wellfield was shut down following concerns expressed by the South Florida Water Management District about saltwater intrusion. Two additional wells can be utilized in emergency situations.

Hallandale Beach's water facilities are designed to provide treatment consisting of lime softening, filtration, and chlorination. Storage facilities consist of two 1.0 million gallon and one 2.0 million gallon ground level concrete tanks and one 200,000 gallon and one 500,000 gallon elevated storage tanks.

9.3.1.6 Stormwater Drainage Facilities

There are no distinguishable drainage basins within the City limits. Flood maps reveal that large areas of the City are subject to flooding during 100-year storm events. Hallandale Beach has undergone a high level of urbanization. Development activity has, over the years, resulted in a large amount of land paved with impermeable material. As well as reducing the land's natural drainage capability, this paving results in greater stormwater flows associated with each rainfall event and a need for a larger and more extensive stormwater drainage system than might otherwise be required.

The City of Hallandale Beach uses two separate systems for controlling stormwater runoff. The positive drainage system is composed of drainage lines that channel stormwater directly to nearby waterways, canals, and lakes. This system is utilized extensively in the eastern sector of the City. The French drain filter bed system collects stormwater runoff and allows it to either drain slowly through perforated pipes or dry wells where the water percolates into the ground. Several years ago, the City initiated a program involving the installation of storm drains at locations where severe ponding had occurred following a storm event. A significant improvement has been realized through the capital improvement project.

9.3.1.7 Solid Waste Collection Facilities

The City of Hallandale Beach provides solid waste collection services, and through contract with a private company, disposal service for most City residents. The City Sanitation Division collected approximately ~~26,800~~ 27,000 tons of solid waste garbage in FY 2007. The Division collected approximately 3,500 tons of trash in FY 2007.

Collection and disposal service is also provided to some residential and commercial locations by ~~6~~ 4 private companies. It is estimated that these private companies collected 4,700 tons in FY 2007.

There are no public or private solid waste disposal facilities located in the Hallandale Beach's City limits. One transfer station is utilized for in-house City collection alone.

9.3.1.8 Recreation Facilities

Publicly provided recreation facilities consist primarily of the park and recreation areas owned and maintained by the City. These areas are:

Facility

Foster Park
O.B. Johnson Park
B. F. James Park
North City Beach
Golden Isles Tennis Complex
Bluesten Park
Ingalls Park
Golden Isles Park
Scavo Park
SW Neighborhood Park
NE Neighborhood Park
Hallandale High School
Public Waterways
Hallandale Adult Center
South City Beach
Hallandale Beach Cultural Community Center
Hallandale Beach Teen Center

These public parks and recreation areas offer a wide range of facilities that include: swimming pools, baseball fields, bocce ball, tennis courts, an audinasium, paddleball courts, roller-skating, track event areas, volleyball fields, football fields, ping pong areas, and arts and crafts areas.

9.3.2 Levels of Service Provided by Major Public Facilities

This section summarizes results of the analyses of public facilities and services that were performed in the elements of the Comprehensive Plan. This information provides the basis for requirements and priorities of the City to ensure that its goals, objectives, and policies, and its Level of Service standards are reached and maintained.

9.3.2.1 Transportation

Several existing problems were identified regarding traffic circulation within the City. These include:

- o Hallandale Beach Boulevard's and Pembroke Road's predominant function is as a regional arterial roadways serving north Miami-Dade County and south Broward County. However, the roads lacks a well defined, sufficient support system of collector streets.

This deficiency forces Hallandale Beach Boulevard and Pembroke Road to provide property access and to support local circulation, numerous pedestrian crossings and bus and minibus routes. These additional uses of Hallandale Beach Boulevard and Pembroke Road are inconsistent with its their primary role and inhibit its their ability to function efficiently as a regional arterial roadways.

- o The types and frequency of traffic barriers within the City adversely affect traffic circulation, resulting in inadequate access and continuous flow of traffic. These traffic barriers include bodies of water, railroad crossings, Interstate 95, large land areas, and political boundaries. In efforts to overcome these barriers, traffic is forced on to Hallandale Beach Boulevard and Pembroke Road adding to its problems as presented above.
- o Traffic circulation is subject to delays caused by events at Gulfstream Racetrack and Casino and Mardi Gras Racetrack and Gaming Center, trains crossing roadways intersecting the FEC and CSX railroad tracks, and the opening of the Intracoastal Waterway Bridge to accommodate boat traffic.
- o Land use within the cities of Hallandale Beach, Hollywood and Golden Beach is predominantly residential. Residents of these communities must commute across the Intracoastal Waterway for many activities including shopping, employment, and medical care.

These three traffic circulation problems within the City of Hallandale Beach combine to create effects including congestion, excessive delays, and safety hazards to motorists and pedestrians.

Hallandale Beach currently meets or exceeds Level of Service D on all City roads except SW 8th Avenue just south of Hallandale Beach Boulevard (LOS E) and NE 14th Avenue just north of Hallandale Beach Boulevard (LOS E). The congested intersections of Hallandale Beach Boulevard with US 1 and A1A near I-95 sometimes fall below Level of Service D. A Master Transportation Plan is currently being finalized that will include major recommendations for traffic improvements.

9.3.2.2 Sanitary Sewer Facilities

Although there are no problems at present regarding the capacity of the sanitary sewer facilities used by Hallandale Beach to collect, treat, and dispose of the wastewater it generates, capacity will become an issue with future redevelopment.

The City is aware of infiltration/inflow in its wastewater collection system. The City has taken actions to reduce infiltration/inflow rates by initiating repairs, purchasing necessary equipment, and funding studies to determine locations of significant flows through the Capital Improvement Project that is funded on an annual basis.

9.3.2.3 Potable Water Facilities

There are no significant problems associated with the City's potable water facilities. Hallandale Beach's agreement with Broward County provides water which supplements the supplies from its two operating wells. In addition, the City has computerized and upgraded its treatment plant.

In February 2005 the City began the construction of its new 6 MGD membrane softening water treatment plant. Construction was completed in February 2008 and the plant is operational.

The only area of the City presently experiencing low pressures during high demand periods is the Golden Isles area. Planned capital improvements are anticipated to address this problem by 2010.

9.3.2.4 Stormwater Drainage Facilities

Over two-thirds of the City is designated by the National Flood Insurance Program as special flood hazard areas. These areas are statistically subject to flooding more frequently than once every 100 years. To eliminate areas where severe ponding of water has occurred following more usual storm events, the City has over the past several years installed storm drains and drainage wells. Presently, almost all of the previously identified problem areas have had storm drains or other drainage structures installed. The City stormwater drainage facilities are not designed, however, to accommodate rainfalls, storm surges, or storm tides of major intensities.

9.3.2.5 Solid Waste Collection Facilities

The City currently provides collection and disposal service for most of the City's residents.

Hallandale Beach entered into an agreement with Waste Management, Inc. It is estimated that this facility will provide disposal capacity through the year 2011. After the agreement expires in 2011, the City is free to negotiate disposal service with other entities.

9.3.2.6 Recreation/Open Space

The City of Hallandale Beach contains ~~406.68~~ 142.68 acres of waterways and ~~59.57~~ 108.56 acres of Parks. The combination provides about ~~4.35~~ 7.33 acres per thousand permanent residents for recreation and open space based upon the City's 2000 US Census population figure of 34,282.

9.3.3 Existing Revenue Sources

Revenues to the City's General Fund come from four primary sources. Ad Valorem taxes supply the largest single portion, about 48.7% of total General Fund revenues. Franchise and Utility Taxes supply about 12.9% of the total. State & County Revenues and Charges for Services supply about 10.1% and 4.3% respectively. Fire special assessments are 7.3% of the total; six other line items make up the remaining revenues.

City staff expects Ad Valorem revenues to increase as a percent of total General Fund revenues to about 53.6% by FY 2012-13. Other sources of revenue are expected to

decrease as a percent of the total. Total General Fund revenues are projected to increase from about \$54,025,000 in FY 2008-09 to about \$63,254,000 in FY 2012-13.

Sewer Fund revenues are anticipated to increase from about \$10,446,000 in FY 2008-09 to approximately \$12,019,000 in FY 2012-13. User charges are expected to provide about 98% of the total in FY 2008-09 and about 98.3% of the total in FY 2012-13.

Water Fund revenues are anticipated to increase from about \$10,618,000 in FY 2008-09 to approximately \$12,962,000 in FY 2012-13. User charges are expected to produce 90.7% of the total in FY 2008-09 and about 92.3% of the total in FY 2012-13.

9.3.4 Local Policies and Practices

Hallandale Beach analyzes its capital improvements needs every year as a part of its annual budgeting process. Departments of City government indicate their needs and a citywide Capital Improvements Plan is developed. A five-year capital outlay schedule is used to provide long-term direction and coordination.

Level of Service standards are adopted in this Comprehensive Plan to provide additional guidance in the determination of the need for and timing of capital improvements. The level of service standards may affect the timing and location of development or redevelopment if there is a delay in the provision of necessary facilities and services.

9.3.5 Need For, and Timing of Capital Improvements

Capital improvements needs identified in the other elements of this comprehensive plan are listed in Table 9-1. Funds are expected to be spent during the year or years specified for each project. The table also indicates whether the project will remedy an existing deficiency, produce additional capacity, or replace current capital assets. The suggested source of funds is also indicated for each project.

The capital improvements identified in the other elements and summarized in this element are designed to support efficient land use in the City of Hallandale Beach as presented in the Future Land Use Element, although most of the capital improvements are not closely related to future land development. Scheduled capital improvements are designed to address the needs of the current population, as well as new residents and businesses resulting from redevelopment.

The Florida Department of Transportation (FDOT) is the only state agency planning to provide additional public facilities in Hallandale Beach. One major FDOT project in FY 2008 entails improvements to West Hallandale Beach Boulevard. The South Florida Water Management District has no major facilities within Hallandale Beach, and has no plans to construct any in the future.

9.3.6 Fiscal Implications of Existing Public Facility Deficiencies, Priorities of Need, and Costs of Mitigating Deficiencies

Hallandale Beach intends to finance its Capital Improvements Plan using retained earnings, developer contributions, grants, loans and future operating revenues. The CIP will not place an excessive burden on the City's revenue generation capabilities. The City does not expect to increase ad valorem tax rates during each of the next five years to finance the 5-Year CIP. If this expectation is not met, the City will consider the removal of low priority projects from the 5-Year CIP, and the possibility of either debt financing or raising the millage rate.

The prioritization of the capital improvements is based on their relative importance to implementing the goals, objectives, and policies of the comprehensive plan. High priority improvements are to be funded earlier and lower priority improvements are to be funded in later years.

Capital improvement needs identified in each element of the Comprehensive Plan will be evaluated. If budget or other constraints exist, capital improvement needs identified in elements pertaining to public safety and welfare will be given priority over needs relating to local amenities, such as parks and recreation. The evaluation of capital improvement projects will include consideration of the following items: the elimination of public hazards and existing capacity deficits; the impact on the City's budget; financial feasibility; the demands created by any development or redevelopment, including related locational needs; and the plans of state agencies and the South Florida Water Management District.

9.4 ANALYSIS OF EXISTING CONDITIONS

9.4.1 Necessity for a Capital Improvements Plan to Provide Required Levels of Service

Most components of the capital improvements plan presented in section 9.5 of this element are not necessary to provide required levels of service in Hallandale Beach. Most projects in the plan are designed to enhance the quality of the services provided for City residents.

9.4.2 City's Ability to Finance Capital Improvements

Hallandale Beach has budgeted monies sufficient to finance all projects listed in its capital improvements plan. The City intends to finance all projects using either current fund balances or future operating revenues. If necessary, the City has substantial unused debt capacity which could be used to complete its improvement program.

Hallandale Beach's legal debt limit is 10 percent of the total assessed value of all real property in the City. At the end of fiscal year 2006-07, the debt margin totaled \$568,119,410 as detailed below:

Net Assessed Value	\$4,197,777,857
Plus Exempt Property	\$1,483,416,817
Total Assessed Value	\$5,681,194,100
Debt Limit (10% of total assessed Value)	\$ 568,119,410
Total Debt	\$ 0
	=====
Legal Debt Margin	\$ 568,119,410

Source: Broward County Form DR 403-AM FY 2006-07.

The City's estimate of the net assessed value of all real property in the City for FY 2007-08 is \$4,911,600,000 which represents an increase of about 17.1% from FY 2006-07.

The City contains very little land which could support new development, however because of redevelopment and increasing property value in general, this figure is estimated to continue to increase. Because of these increasing property values, Hallandale Beach's projected debt capacity is expected to increase as follows:

Fiscal Year Ending	Debt Capacity
2009	489,848,000
2010	504,543,000
2011	519,680,000
2012	540,467,000
2013	567,490,000

The City's long-term debt at September 30, 2007 consists of: a Revenue Note Series 2002, Revenue Bonds Series 2001A, and Revenue Bonds Series 2005A.

The Revenue Note, Series 2002 line of credit, not to exceed \$5,000,000 with a draw closing date of August 15, 2003 is for the purpose of funding various CRA projects. The note is not a general obligation of the City and it is to be paid from CRA District revenue. Interest at 51.2% of the prime rate (4.23% as of September 30, 2006) is payable semiannually. Principal is payable semiannually in equal installments and the note matures on February 15, 2012.

The Revenue Bonds, Series 2001A were issued for the purpose of financing the acquisition and construction of a new membrane water treatment plant, construction and improvements to the stormwater drainage system and the sewer system. The bonds are not general obligation bonds of the City, bear interest of 4.46% as of September 30, 2006 and are to be repaid solely from non-ad valorem revenue. Principal is payable annually and is due and payable on November 1, 2021.

The Revenue Bonds, Series 2005A were issued for the purpose of financing the acquisition and construction of a new membrane water treatment plant, construction and improvements to the stormwater drainage system, and construction and improvements to the sewer system. The bonds are not general obligation bonds of the City, bear interest of 3.98% as of September 30, 2006 and are to be repaid solely from non-ad valorem revenue. Principal is payable annually and the bonds mature on February 1, 2025.

The City has no general obligation bonded debt outstanding.

Year Ending September 30, September 30,	Governmental Activities				Business Type Activities			
	Revenue Note,		Revenue Bonds		Revenue Bonds		Revenue Bonds	
	Series 2002		Series 2007A		Series 2001A		Series 2005A	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2008	\$ 500,000	\$ 19,911	\$ 680,000	\$ 1,278,788	\$ 185,000	\$ 193,988	\$ 320,000	\$ 352,953
2009	96,385	2,036	795,000	1,166,850	190,000	185,075	330,000	342,390
2010	-	-	830,000	1,133,063	200,000	175,325	345,000	331,853
2011	-	-	865,000	1,097,788	210,000	165,075	355,000	319,578
2012	-	-	910,000	1,055,925	220,000	154,325	370,000	306,465
2013-2017	-	-	5,270,000	4,562,500	1,290,000	584,019	2,055,000	1,310,074
2018-2022	-	-	6,705,000	3,157,125	1,655,000	207,244	2,555,000	799,875
2023-2027	-	-	8,560,000	1,326,500	-	-	1,870,000	143,500
	\$ 596,385	\$ 21,947	\$ 24,615,000	\$ 14,778,539	\$ 3,950,000	\$ 1,665,051	\$ 8,200,000	\$ 3,906,688

9.5 CAPITAL IMPROVEMENTS SCHEDULE

The Capital Improvements Plan presented in this section includes a listing of each project, the year or years in which the city's capital resources will be utilized to fund the improvement, sources of revenues to fund the proposed improvements, as well as the anticipated impacts of the improvements on operating costs and estimated city-wide revenues for the 5-year planning period.

This Capital Improvements Plan is primarily composed of projects that will enhance the quality of the services provided to City residents, rather than correct deficiencies in the levels of service. Currently, all specified levels of service in this comprehensive plan are being met by the City.

9.5.1 Description of the CIP, Resulting Levels of Service

Capital cost estimates for each project in Hallandale Beach's Capital Improvements Plan for each of the next five years are shown in Table 9-2.

Cost estimates are derived by using various methods which include the experience of City Staff, consultant estimates and construction cost guides. Estimates are designed to include expected future inflation.

Short titles of the projects appear in Table 9-2; greater detail for each project can be found in the element which identified the need for the project.

9.5.2 Sources of Funds for Proposed Capital Improvements.

The projected expenditures for all proposed projects are aggregated in Table 9-3 by proposed source of funds. Annual projected costs of implementing five year CIP range from \$7,171,921 in FY 2008/09 to \$1,005,000 in FY 2012/13. All proposed projects were analyzed to determine their impact on the city's operating budget. The net impact of the proposed projects is a reduction in operating costs over the next five years. The largest single item is the savings expected to result from the Sanitary Sewer Rehabilitation project. This effort is expected to reduce inflow and infiltration into the wastewater system, thereby reducing flow based treatment costs paid by the City to Hollywood. Measurable operating cost savings are estimated to reach \$275,000 in FY 2008/09 and are expected to grow throughout FY 2012/13. Additional cost savings are being realized through reduced emergency repairs and avoidance of health and environmental damage that could occur during a major system failure.

Projections of Hallandale Beach's tax base, millage rate, and the projected ad valorem revenue which results are shown in Table 9-4. The City has experienced an decrease in its tax base of approximately 0.3% in valuation this year.

An additional source of capital improvements funding is the Transportation Fund. Capital improvements and other operating expenditures funded by the Transportation Fund, have been greater than the fund's anticipated revenues. Additional funds have been transferred into this fund from various other funds within the City in order to maintain existing programs. Sources of the fund are the City's portion of State revenue sharing, the County's local option gasoline tax, and interest on investments.

Table 9-5 presents projected revenues for the City's General Fund for FY 2008/09 through FY 2012/13. Operations and maintenance expense and the total cost of the capital expenditures which will be funded out of the general fund are also shown.

Table 9-6 shows projected revenues, operations and maintenance and capital expense totals, and the resulting fund balance for the Sewer Fund for FY 2008/09 to FY 2012/13.

Table 9-7 contains projected revenues, operating and maintenance, and capital expenditures, and the resulting fund balances for the Water Fund for FY 2008/09 to FY 2012-13.

Tables 9-5, 9-6, and 9-7 demonstrate Hallandale Beach's ability to meet the obligations created by the Capital Improvements Plan.

9.6 SUMMARY AND CONCLUSIONS

This Capital Improvements Element of the City of Hallandale Beach's Comprehensive Plan is intended to demonstrate the feasibility and sufficiency of the capital improvement plan. The capital improvements in the CIP are based on the analyses in each element of the plan, and are therefore, scheduled to meet the growth projected by the City, and support the goals, objectives, and policies of this plan.

The City will implement the provisions in this element by adoption of the goals, objectives, and policies and execution of the capital improvements plan contained herein.

TABLE 9-1
CAPITAL IMPROVEMENT PLAN BY IMPROVEMENT TYPE
CITY OF HALLANDALE BEACH: FY 2008-09 to 2012-13

	PLAN ELEMENT	YEAR(S) SCHEDULED	TYPE OF NEED ADDRESSED	FUNDING SOURCES
PARKS AND RECREATION IMPROVEMENTS	RECREATION AND OPEN SPACE	FY 2008-09 to 2012-13	IMPROVEMENT	GF, CRA
WATER SYSTEM IMPROVEMENTS	UTILITIES	FY 2008-09 to 2012-13	REPLACEMENT & IMPROVEMENT	WF
SANITARY SEWER REHABILITATION	UTILITIES	FY 2008-09 to 2012-13	REPLACEMENT	SF
STORMWATER DRAINAGE IMPROVEMENTS	UTILITIES	FY 2008-09 to 2012-13	REPLACEMENT & IMPROVEMENT	CD, CRA
TRANSPORTATION	TRAFFIC CIRCULATION	FY 2008-09 to 2012-13	REPLACEMENT & IMPROVEMENT	GF, TF, CRA, SF, WF, SW
OTHER	FACILITIES	FY 2008-09 to 2012-13	REPLACEMENT & IMPROVEMENT	GF, CRA, WF, SW

LEGEND

CD - COMMUNITY DEVELOPMENT GRANTS/GRANT FUND
GF - GENERAL FUND
WF - WATER FUND
SF - SEWER FUND
SW - STORMWATER DRAINAGE FUND
TF - TRANSPORTATION FUND
CE - CEMETERY FUND
SN - SANITATION FUND
CRA - COMMUNITY REDEVELOPMENT AGENCY
CP - CAPITAL PROJECTS FUND
TI- THREE ISLANDS SAFE NEIGHBORHOOD DISTRICT

TABLE 9-2
CAPITAL IMPROVEMENTS 5-YEAR PLAN BY TYPE
CITY OF HALLANDALE BEACH: FISCAL YEAR 2008-2009 TO 2012-2013

RIGHT-OF-WAY PROJECTS	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FUNDING SOURCES
Street Maintenance Program	\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	CRA
FEC Crossing	\$0	\$75,000	\$0	\$0	\$75,000	
Bridge Rehabilitation	\$400,000	\$0	\$0	\$0	\$0	GF, WF, SF, SW
NE/SE 8th/10th Ave Intersection/EHBB	\$300,000	\$0	\$0	\$0	\$0	GF, TF, CRA
TOTAL	\$1,000,000	\$175,000	\$100,000	\$100,000	\$175,000	
FACILITIES IMPROVEMENTS						
Park Improvements	\$240,000	\$50,000	\$50,000	\$50,000	\$50,000	GF, CRA
Foster Road Improvements	\$300,000	\$300,000	\$300,000	\$300,000	\$0	CRA
Cemetery Expansion	\$10,000	\$0	\$0	\$0	\$0	CE
Beach Renurishment	\$150,000	\$0	\$0	\$0	\$0	GF, CRA
Neighborhood Fencing	\$0	\$10,000	\$10,000	\$10,000	\$10,000	
Curci House Renovation	\$50,000	\$0	\$0	\$0	\$0	CRA
Moffitt House Renovation	\$545,000	\$0	\$0	\$0	\$0	CRA
City Facility	\$300,000	\$20,000	\$20,000	\$20,000	\$20,000	CRA
Upgrades to Municipal Bldg	\$250,000	\$0	\$0	\$0	\$0	GF
City Park Improvements/ Partnerships	\$1,500,000	\$50,000	\$50,000	\$50,000	\$50,000	CRA
Community Safety Enhancements	\$225,000	\$0	\$0	\$0	\$0	GISND
Ansin Blvd Storage Facility	\$500,000	\$0	\$0	\$0	\$0	GF, SN, CRA
Additional CIP's as Directed	\$300,000	\$0	\$0	\$0	\$0	CRA
TOTAL	\$4,370,000	\$430,000	\$430,000	\$430,000	\$130,000	

TABLE 9-2
CAPITAL IMPROVEMENTS 5-YEAR PLAN BY TYPE
CITY OF HALLANDALE BEACH: FISCAL YEAR 2008-2009 TO 2012-2013

WATER SYSTEM IMPROVEMENTS									
Water Distribution Upgrades	\$250,000	\$1,000,000	\$100,000	\$100,000	\$100,000	\$100,000			WF
Water Treatment Storage Units	\$100,000	\$75,000	\$75,000	\$0	\$0	\$0			WF
Fire Hydrant Protection	\$25,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000			WF
Water Conservation Program	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000			WF, SF
TOTAL	\$575,000	\$1,325,000	\$425,000	\$350,000	\$350,000	\$350,000			
ECONOMIC DEVELOPMENT PROJECTS									
Model Block Program	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000			CRA
TOTAL	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000			
SANITARY SEWER IMPROVEMENTS									
Sanitary Sewer Rehabilitation	\$500,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000			SF
Lift Stations Rehabilitation	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000			SF
Sewer Capacity Improvements	\$0	\$1,000,000	\$0	\$0	\$0	\$0			SF
TOTAL	\$500,000	\$1,300,000	\$300,000	\$300,000	\$300,000	\$300,000			
STORMWATER IMPROVEMENTS									
CDBG 34 th year grant	\$426,921	\$0	\$0	\$0	\$0	\$0			CD
Drainage Improvements	\$250,000	\$0	\$0	\$0	\$0	\$0			CRA
TOTAL	\$676,921	\$0	\$0	\$0	\$0	\$0			
GRAND TOTAL	\$7,171,921	\$3,280,000	\$1,305,000	\$1,230,000	\$1,005,000	\$1,005,000			

TABLE 9-2
CAPITAL IMPROVEMENTS 5-YEAR PLAN BY TYPE
CITY OF HALLANDALE BEACH: FISCAL YEAR 2008-2009 TO 2012-2013

LEGEND

CD - COMMUNITY DEVELOPMENT GRANTS/GRANT FUND
GF - GENERAL FUND
WF - WATER FUND
SF - SEWER FUND
SW - STORMWATER DRAINAGE FUND
TF - TRANSPORTATION FUND
CE - CEMETERY FUND
SN - SANITATION FUND
CRA - COMMUNITY REDEVELOPMENT AGENCY
CP - CAPITAL PROJECTS FUND
TI - THREE ISLANDS SAFE NEIGHBORHOOD DISTRICT
GISND- GOLDEN ISLES SAFE NEIGHBORHOOD DISTRICT

TABLE 9-3
CAPITAL IMPROVEMENT PLAN
CAPITAL IMPROVEMENTS BY FUND AND YEAR
CITY OF HALLANDALE BEACH FY 2008-2009 TO 2012-2013

	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13
GENERAL FUND	\$815,000	\$30,000	\$30,000	\$30,000	\$30,000
WATER FUND	\$650,000	\$1,225,000	\$325,000	\$250,000	\$250,000
STORMWATER FUND	\$100,000	\$0	\$0	\$0	\$0
SEWER FUND	\$800,000	\$1,425,000	\$400,000	\$400,000	\$425,000
TRANSPORTATION FUND	\$50,000	\$50,000	\$25,000	\$25,000	\$50,000
COMMUNITY REDEVELOPMENT FUND	\$4,020,000	\$550,000	\$525,000	\$525,000	\$250,000
COMMUNITY DEVELOPMENT BLOCK GRANT	\$426,921	\$0	\$0	\$0	\$0
SANITATION FUND	\$75,000	\$0	\$0	\$0	\$0
CEMETERY FUND	\$10,000	\$0	\$0	\$0	\$0
GOLDEN ISLES FUND	\$225,000	\$0	\$0	\$0	\$0
TOTAL ALL SOURCES	\$7,171,921	\$3,280,000	\$1,305,000	\$1,230,000	\$1,005,000

TABLE 9-4
TAX BASE, MILLAGE RATE, AND AD VALOREM REVENUES
CITY OF HALLANDALE BEACH: FY 2008-09 TO 2012-13

	FY 08-09	FY 09-10	FY 10-11	FY11-12	FY12-13
PROJECTED TAX BASE	\$4,898,484,481	\$4,408,636,033	\$4,408,636,033	\$4,540,895,114	\$4,677,121,967
PROJECTED MILLAGE RATE	4.9818	5.6294	5.7983	5.7983	5.7983
PROJECTED AD VALOREM REVENUES	\$24,403,269	\$24,817,976	\$25,562,594	\$26,329,472	\$27,119,356

TABLE 9-5 -GENERAL FUND REVENUES

REVENUE/CATEGORY	Percent FY 2008-09	ADOPTED BUDGET FY 2007-08	PROPOSED BUDGET FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	Percent FY 2012-13
PROPERTY TAXES	48.7%	23,367,700	24,403,269	25,135,368	26,236,575	29,745,165	31,232,423	53.6%
FRANCHISE FEES & UTILITY TAXES	12.9%	6,144,016	6,479,700	6,544,497	6,609,942	6,676,041	6,742,802	11.6%
OTHER TAXES	0.1%	40,000	50,000	50,500	51,005	51,515	52,030	0.1%
LICENSES AND PERMITS	4.0%	2,627,500	1,997,995	2,180,062	2,207,312	2,372,860	2,420,317	4.2%
S & C SHARED REVENUES	10.1%	5,293,122	5,070,000	5,120,700	5,171,907	5,223,626	5,275,862	9.0%
CHARGES FOR SERVICES	4.3%	2,101,812	2,141,978	2,163,398	2,185,032	2,206,882	2,228,951	3.8%
FINES AND FORFEITURES	1.3%	990,000	645,000	651,450	657,965	664,544	671,190	1.2%
SPECIAL ASSESSMENT	7.3%	3,214,895	3,645,625	3,682,081	3,718,902	3,756,091	3,793,652	6.5%
INTEREST INCOME	1.1%	460,500	563,000	568,630	574,316	580,059	585,860	1.0%
OTHER REVENUE	4.9%	2,882,909	2,464,671	2,489,318	2,514,211	2,539,353	2,564,747	4.4%
TRANSFERS/ADMIN. CHARGES	5.3%	2,268,741	2,632,305	2,658,628	2,685,214	2,712,066	2,739,187	4.7%
APPR. FROM FUND BALANCE		3,027,378	3,932,354	3,287,271	3,804,006	4,362,580	4,947,850	
TOTAL REVENUES	100.0%	\$52,418,573	\$54,025,897	\$54,531,903	\$56,416,387	\$60,890,784	\$63,254,871	100.0%
EXPENSES								
O & M EXPENSES		51,551,585	53,106,097	54,077,103	56,451,422	58,952,975	61,570,937	
PROPOSED CAPITAL IMPROV.		866,988	919,800	480,000	530,000	580,000	630,000	
TOTAL EXPENSES		\$52,418,573	\$54,025,897	\$54,557,103	\$56,981,422	\$59,532,975	\$62,200,937	
FUND BALANCE								
BEGINNING BALANCE		\$21,484,665	15,857,576	14,317,281	13,517,751	12,300,996	10,629,157	
FALLOUT PRIOR YEAR		(2,599,711)	2,392,059	2,487,741	2,587,251	2,690,741	2,798,371	
APPROPRIATIONS FROM								
UNAPPRO. FUND BALANCE		(3,027,378)	(3,932,354)	(3,287,271)	(3,804,006)	(4,362,580)	(4,947,850)	
ENDING FUND BALANCE		\$15,857,576	\$14,317,281	\$13,517,751	\$12,300,996	\$10,629,157	\$8,479,677	

TABLE 9-6 SEWER FUND REVENUES & EXPENDITURES

REVENUES	Percent	ADOPTED	PROPOSED	Percent
	FY 2008-09	BUDGET FY 2007-08	BUDGET FY 2008-09	FY 2012-13
CHARGES FOR SERVICES	98.0%	8,386,680	10,446,216	12,019,416
INTEREST INCOME	2.0%	327,600	210,000	210,000
SPECIAL ASSESSMENT SSI-4		0	0	0
INTER FUND TRANSFERS		0	0	0
APPROPRIATION FROM UNAPPR.				
RETAINED EARNINGS		3,113,869	3,549,002	1,650,580
TOTAL	100.0%	\$11,828,149	\$14,205,218	\$13,868,144
EXPENSES				
O & M EXPENSES		\$8,254,232	\$9,399,098	\$10,267,939
CAPITAL IMPROVEMENTS		0	125,000	100,000
DEBT SERVICE		157,825	156,864	160,000
TRANSFER TO OTHER FUNDS		3,416,092	4,524,256	2,951,257
TOTAL EXPENSES		\$11,828,149	\$14,205,218	\$13,868,144
RETAINED EARNINGS				
BEGINNING BALANCE		7,643,908	4,228,091	2,323,692
FALLOUT FROM PRIOR YEAR		(301,948)	1,738,376	1,749,870
APPROPRIATION FROM				
UNAPPRO. RETAINED EARNINGS		(3,113,869)	(3,549,002)	(1,650,580)
ENDING BALANCE		\$4,228,091	\$2,417,465	\$2,422,982
				\$2,585,191

TABLE 9-7 WATER FUND REVENUES & EXPENDITURES

	Percent	ADOPTED BUDGET	PROPOSED BUDGET	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	Percent
REVENUES									
WATER SERVICE CHARGE	90.7%	8,543,046		10,618,910	11,194,910	11,780,910	12,366,910	12,962,910	92.3%
INTEREST INCOME	1.2%	406,700		143,000	143,000	143,000	143,000	143,000	1.0%
OTHER REVENUE	8.0%	940,000		940,000	940,000	940,000	940,000	940,000	6.7%
APPROPRIATION FROM UNAPPR.									
RETAINED EARNINGS		993,381		0	0	0	0	0	
TOTAL	100.0%	\$10,883,127		\$11,701,910	\$12,277,910	\$12,863,910	\$13,449,910	\$14,045,910	100.0%
EXPENSES									
O & M EXPENSES		\$6,493,783		\$6,145,987	\$6,410,446	\$9,400,878	\$9,949,702	\$10,508,212	
CAPITAL IMPROVEMENTS		25,000		150,000	150,000	150,000	150,000	150,000	
DEBT SERVICE		1,806,581		1,804,776	1,800,000	1,800,000	1,800,000	1,800,000	
TRANSFER TO OTHER FUNDS		2,557,763		1,401,351	1,476,659	1,513,032	1,550,208	1,587,698	
TOTAL EXPENSES		\$10,883,127		\$9,502,114	\$9,837,105	\$12,863,910	\$13,449,910	\$14,045,910	
RETAINED EARNINGS									
BEGINNING BALANCE		(353,423)		(1,246,473)	1,365,541	4,210,722	7,368,259	10,827,856	
FALLOUT FROM PRIOR YEAR		100,331		412,218	404,376	419,522	435,273	451,654	
APPROPRIATION FROM									
UNAPPRO. RETAINED EARNINGS		(993,381)		2,199,796	2,440,805	2,738,015	3,024,324	3,309,819	
ENDING BALANCE		(\$1,246,473)		\$1,365,541	\$4,210,722	\$7,368,259	\$10,827,856	\$14,589,329	